

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : PENTEL KK

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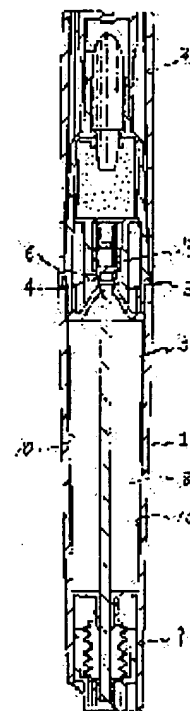
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(54) INK RECEIVING CHAMBER FOR WRITING TOOL

(57)Abstract:

PURPOSE: To permit the securing of prominent ink remaining amount confirming property even after preservation for a long period of time by a method wherein an ink repelling layer, consisting of an epoxy resin and a (metha) acrylic acid thermosetting resin, is formed on the inner surface of an ink receiving chamber constituted of a thermoplastic resin.

CONSTITUTION: The main body of writing instrument is formed of a fibrous pen point 2, retained at the tip end of a tube 1, and an ink receiving chamber 3, formed in the tube 1. The tube 1 is formed of a transparent or semi-transparent polyolefin thermoplastic resin such as polyethylene, polypropylene, polyamide, polyethylene terephthalate and the like whereby the ink in the ink receiving chamber 3 can be seen from the outside of the writing tool. In this case, an ink repelling layer 10, consisting of a (metha) acrylic acid thermosetting resin, having a epoxy resin and a perfluoroalkyl group, is formed on the inner surface of the ink receiving chamber 3. According to this method, ink is repelled nicely for a long period of time whereby the remaining amount of ink can be seen surely and easily from the outside of the writing tool.



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